

**Patent Claims:**

1. Process for preparation of tolylene-diisocyanate-based isocyanurate polyisocyanate solutions, by trimerizing
  - A) in a solvent which comprises at least one dialkyl phthalate having branched alkyl radicals,
  - B) isomer mixtures of tolylene diisocyanate with < 35% by weight of 2,6-tolylene diisocyanate
  - C) in the presence of a catalyst which comprises at least one nitrogen base of Mannich base type,
  - D) and in rigorous absence of compounds containing aliphatic hydroxy and/or urethane groupsuntil the content of free non-trimerized residual TDI monomers is  $\leq 0.2\%$  by weight and at the same time the viscosity at 23°C is < 20 000 mPas and the solids content, based on the isocyanurate polyisocyanate present is > 25% by weight.
2. Process for preparation of tolylene-diisocyanate-based isocyanurate polyisocyanate solutions, characterized in that exclusively the isomeric diisononyl phthalates are used as solvent in A).
3. Process for preparation of tolylene-diisocyanate-based isocyanurate polyisocyanate solutions, characterized in that the 2,6-TDI content of the tolylene diisocyanate mixtures used in component B) is from 15 to 25% by weight.
4. Tolylene-diisocyanate-based isocyanurate polyisocyanate solutions obtainable by the process according to any of Claims 1 to 3.
5. Use of the tolylene-diisocyanate-based isocyanurate polyisocyanate solutions according to Claim 4 as adhesion-promoting additives for polyvinyl chloride.

6. Coatings obtainable using the tolylene-diisocyanate-based isocyanurate polyisocyanate solutions according to Claim 4.
7. Substrates coated with coatings according to Claim 6.